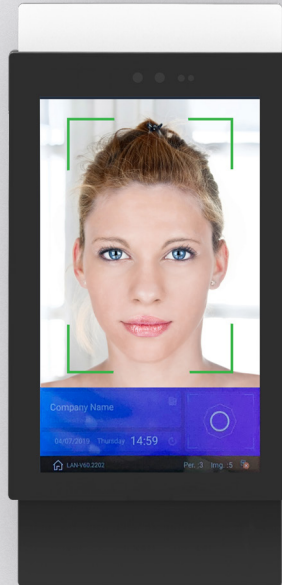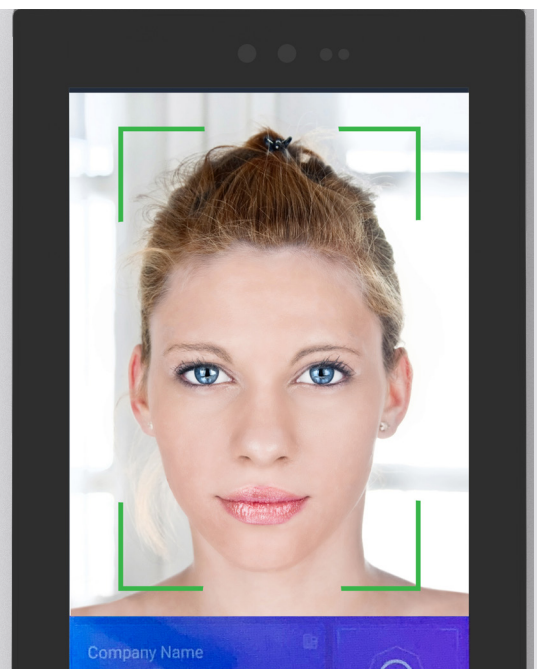# BIOMETRIC READER

Facial Recognition Reader with 7" LCD Screen and 2x 2MP Cameras

Key Features

- 7" TFT LCD with voice prompts and real-time display
- Supports external HDMI large screen
- Dynamic double camera
- Night infrared, RGB double fill light
- Wiegand 26, 34 output
- High recognition accuracy
- Dynamic face detection and tracking recognition algorithm based on video stream
- Fast recognition speed
- Screen display configurable
- Recognition distance configurable

The Genie **FR01W** is a dual camera face recognition terminal designed to provide fast, accurate and seamless recognition at normal walking pace without slowing the individual down. The terminal connects to the Genie-Sphinx access control management system via an IP interface. It also has a built-in RFID, 13.56MHz compatible reader and a universal Wiegand output which allows for connecting to 3rd party access control systems (face enrolment must be done via Sphinx software). Various levels of security and recognition distances can be calibrated offering a balance between high security, and convenience depending on the application or scenario. In high security mode, the terminal uses an A.I algorithm with liveness detection.

genie

Specification

Performance

Power Supply	DC12V (±10%)
Power Consumption	10W Max.
CPU	4 Cores, 1.8GHz

Others

IP Rating	IP42
Screen Size	7" full viewing angle 170° IPS LCD screen
Screen Resolution	1024 × 600
Camera Type	RGB and Infrared
Camera Resolution	2MP
White Balance	Automatic
Storage Capacity	2G memory, 8G storage
Fill Light	LED, Artificial
Working Temperature	-10°C ~ 60°C
Working Humidity	10% ~ 90%
Dimensions	247 × 127 × 21 mm
Weight	500g

Interface

Card Reader Module	13.56MHz compatible RFID reader
Network Module	Wired, Wireless (2.4G Wi-Fi, 4G Network card), USB external
Audio Output	1 channel (Line out)
Video	HDMI 2.0 Type A interface x1
USB Interface	USB x1
Wiegand Interface	Support Wiegand 26, 34
Face Detection	Support for detection and tracking of 5 people at the same time
1:N Face Recognition	Under the condition of 3% misrecognition rate, the recognition accuracy rate is 99.7%
Stranger Detection	Supported (Configurable)
Recognition Distance	Supported (Configurable)
UI Interface	Supported (Configurable)
Remote Upgrade of Equipment	Supported
Deployment Method	Support public network and LAN

Dimensions

127mm

21mm

247mm

Front

Side

Back

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